

Problems of Automation of Continuous Production  
Processes, by V. L. Lossiyevskiy, L. G. Pliskin,  
5 pp.

RUSSIAN, rpt,

CIA/FDD X-5042

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Problems of Automation of Continuous Production  
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Synthesis of Benzimidazole Compounds Containing the  
Bis-( $\beta$ -Chloroethyl)-Amino Group, by O. F. Ginzburg,  
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Trans. of Khim[icheskiy] Volok[na] (USSR) 1960, no. 1,  
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The addition of sodium zincate to steeping soda in  
amounts from 3.3 to 6.6 g. (calculated as zinc oxide)  
per 1 kg. of viscose produces viscoses of normal  
composition and quality, if alkali cellulose is xan-  
thated with CS<sub>2</sub> amounting to 30-25% of the  $\alpha$ -cellu-  
lose weight in the VA apparatus under normal techno-  
logical conditions. The addition of sodium zincate  
carried out during preparation of the viscose in-  
creases its filterability. Viscosities prepared with the  
addition of sodium zincate are more stable than those  
without it, and this affects the process of filament  
spinning. (Author)

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- I. Lotarev, B. M.
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- III. Courtaulds ML-3190
- IV. DSIR LLU M. 2326
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(Engineering--Chemical,  
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Order from: OTS \$3.00

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(Biological Sciences--Neurology and Psychiatry, TT, v. 7, no. 4) (over)

60-21174

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Trans. of Neue Hütte (East Germany) 1960, v. 5, no. 5,  
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DESCRIPTORS: \*Aluminum, \*Wire, Casting, Rolling  
mills, Labor, Economics.

Topics: Meeting requirements of traditional processes;  
new processes; description of equipment; properties of  
wire; economic considerations; and, man, the measure  
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(Metallurgy--Nonferrous Metals, TT, v. 10, no. 3)

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Researches into the Aging of Hydrated Oxides,  
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Sci - Chemistry, Minerals/Metals, aluminum  
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Partial trans. (claims only) of German patent  
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DESCRIPTORS: \*Binders, Sulfur, \*Molding materials,  
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Lottermoser, Manfred.  
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DESCRIPTORS: \*Molding materials, \*Hardening,  
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July 71

Dimensioning and Design of Pneumatic Recording  
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DESCRIPTORS: Drugs, \*Sulfonamides, \*Chlorpropamide, Insulin, Glucose, \*Diabetes, Pancreas.

The hypoglycemic sulfonamides administered chronically for 20 months to the dog with a pancreatic fragment equal to one-tenth of the initial pancreatic mass do not exhaust the insulin-secreting capacity of the persistent  $\beta$  cells, as long as the exocrine system (Biological Sciences--Pharmacology, TT, v. 8, no. 8)  
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The present article is devoted to an analysis of the  
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trophic action that these substances exert on the  $\beta$ -cell  
apparatus ( $\beta$ -cytotrophism) and to the potentiating effect  
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DESCRIPTORS: Drugs, \*Diabetes, \*Sulfonamides,  
\*Hypoglycemia, Inhibition

The author reviews the experimental and clinical data  
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these substances. (Author)

(Biological Sciences--Pharmacology, TT, v. 8, no. 9)

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